



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

646.3714
Job Sheet 170469



Part No: 646.3714

Job Qty: 20 ea

Part Name: Gusset



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/16/18

Job Tracking No:

Due Date: 2/8/18

Created By: Linda Lacelle

Type: SOLD

Description:

Note: DWG REV A SHEET 5 IPP REV:A 12.10.22 NEW ISSUE DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	20 Ea	2/7/18	2/7/18	0.00	0.00	Start Up Waterjet		SC 18/02/04
110	Waterjet	20 pcs	2/7/18	2/7/18	0.00	0.98	Waterjet1		SC 18/02/04
120	QC	20 pcs	2/7/18	2/7/18	0.00	0.00	QC2 Waterjet-1		SC 18/02/04
130	QC	20 pcs	2/7/18	2/7/18	0.00	0.00	QC8-1		38
140	Brake NC	20 pcs	2/8/18	2/8/18	0.07	0.87	Brake NC 2		DAS 38
150	QC	20 pcs	2/8/18	2/8/18	0.00	0.00	QC5		38
160	Outsource	20 pcs	2/8/18	2/8/18			ATG001-VC		AT 18/03/27
170	Packaging	20 pcs	2/8/18	2/8/18	0.00	0.00	Packaging2		ADAS 18/03/27
180	QC	20 pcs	2/8/18	2/8/18	0.00	0.00	QC5		11 MAR 27 2018
210	Packaging	20 pcs	2/8/18	2/8/18	0.00	0.00	Packaging3-1		9-8 MAR 28 2018
220	QC21-SA	20 Ea	2/8/18	2/8/18	0.00	0.00	QC21		DAS 21 MAR 28 2018

Part Op 110 - 1-Cut as per Dwg
Descriptions: 160 - Issue P/O to ATG : 039182
210 - ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING THE P# AND REV***
MAR 02 2018

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	M6061T6S.063	5	209	0	0
	FM137175	⑦			

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION		AGAINST DEPARTMENT/PROCESS							
	Rework	☐	Skid-tube	☐	Cross tube	☐	Water Jet	☐	Engineering	☐
	Scrap	☐	Machining	☐	Small Fab	☐	Prod. Eng. Coord.	☐	Quality	☐
	Use-as-is	☐	Thermoforming	☐	Finishing	☐	Rec/Store/Packaging	☐	Other	☐
	Suspected Unapproved	☐	Large Fab	☐	Composite	☐	Supplier	☐		

Date :	Step #:	QTY Effective :	MRB (QSI042) Approval
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Description Work Order Deviation	Disposition
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Job No: 170469
Start up Operation 02/05/18

Change No:
Operation:
Revision:
Original Serial #: S038824
PART NO: 646.3714

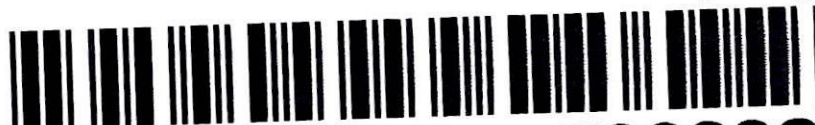
Completed By

Lead hand / Supervisor
Approval Verification

QC / QA Coordinator
Approval

Root Cause Environment ☐ No Re-verification ☐ Design ☐ Operator ☐ Doc/Data ☐ Offset/Setup ☐ Equip/Tooling ☐ Supplier ☐ Handling/Pre ☐ Training ☐ Material ☐ Use for Testing ☐ Internal Transport ☐ Poor Information ☐ Tribal Knowledge ☐ Rushing ☐ LOA ☐ Product Improvement ☐ Substation ☐ Process Improvement ☐ Past Expiry Date ☐ Manufacturing Process ☐ Misidentified ☐ Past Due ☐		Pre ☐ Be ☐ Cel ☐ Cra ☐ Cri ☐ Cuf ☐ Crus ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐		Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐		Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	
OTHER :									

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com



DART
AEROSPACE
S038824
Gusset

Part Specifications					
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Gusset	1Inches ± 0	1 1		
2	Gusset	2Inches ± 0	2 2		
3	Gusset	6Inches ± 0	6 6		
4	Gusset	3Inches ± 0	3 3		
5	Gusset	1Inches ± 0	1 1		
6	Gusset	2Inches ± 0	2 2		
7	Gusset	7Inches ± 0	7 6		
8	Gusset	0Inches ± 0	0 0		

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DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO039182

Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO039182

PO Date: 3/2/18

Due Date: 3/16/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

E-MAILED
MAR 14 2018

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

				Items						
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	170833	D5501-3	Body, Lower Cutter, Short Issue P/O to ATG: HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 PRIME AS PER IAW MIL- P-23377J TYPE 1 CLASS N ***1-2 MIL MAX AS PER QSI005*** As Per Dwg D5501 Rev. A7 Certification of Conformity is required	Firmed	3/26/18	6 pcs	0 pcs	6 pcs	\$16.33/pcs	\$97.98
2	170453	646.3210	Support Issue P/O to ATG : _____ 1- Hard Anodize Color Black and Prime as per Dwg 646.3200	Firmed	3/26/18	12 pcs	0 pcs	12 pcs	\$15.18/pcs	\$182.16
3	171981	646.3312	Center Plate Issue P/O to ATG : _____ Hard Anodize Color Black, Prime as per Dwg 646.3300 Rev. N/C	Firmed	3/26/18	20 pcs	0 pcs	20 pcs	\$12.88/pcs	\$257.60
4	170464	646.3610	Filler Issue P/O to ATG : _____ 1- Hard Anodize Black and Prime as per Dwg 646.3600	Firmed	3/26/18	12 pcs	0 pcs	12 pcs	\$7.43/pcs	\$89.16
5	170466	646.3711	Clip Issue P/O to ATG : _____ Hard Black Anodize and Prime as per Dwg 646.3700 Rev. A	Firmed	3/26/18	21 pcs	0 pcs	21 pcs	\$6.93/pcs	\$145.53
6	170467	646.3712	Clip Issue P/O to ATG : _____ Hard Anodize, Color Black and Prime as Per Dwg 646.3712 Rev. A	Firmed	3/26/18	19 pcs	0 pcs	19 pcs	\$6.93/pcs	\$131.67
7	170468	646.3713	Gusset Issue P/O to ATG : _____ Hard Anodize, Color Black and Prime as per Dwg 646.3700	Firmed	3/26/18	21 pcs	0 pcs	21 pcs	\$16.58/pcs	\$348.18

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3/13/2018

PURCHASE ORDER

Line Item	Job	Part	Description	Items				Balance	Unit Price (CAD)	Extended Price
				Status	Due Date	Order Quantity	Received Quantity			
8	170469	646.3714	Gusset Issue P/O to ATG: Hard Anodize, Color Black and Prime as per Dwg 646.3700 Rev. A	Firmed	3/26/18	21 pcs	0 pcs 21x	21 pcs	\$16.58/pcs	\$348.18
9	173035	647.2114	Upper U Channel Issue P/O to ATG: Anodize as per MPP-172 sect. 2.1 2- Pretreatment as per MPP-172 sect. 3.3 3-Prime as per MPP-172 sect. 4.3 As Per Dwg 647.2100 Rev. E	Firmed	3/26/18	10 pcs	0 pcs 10x	10 pcs	\$12.08/pcs	\$120.80
10	172472	647.7820	Cross Bracket Aft Outsource process-Anodize per QSI017 4.1.10.1 Issue P/O TO ATG: Anodize & prime as per Dwg. 647.7800	Firmed	3/26/18	1 pcs	0 pcs 1x	1 pcs	\$12.08/pcs	\$12.08
11	171212	647.7911	Bracket Issue P/O to ATG: AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.2, PRIME AS PER IAW MIL-PRF-23377 TYPE 1 CLASS N as per Dwg 647.7900 Certification of Conformity is required	Firmed	3/26/18	9 pcs	0 pcs 9x	9 pcs	\$7.73/pcs	\$69.57
12	171380	RBE350A93-3302-02-1	Handle -Issue P/O to ATG: -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant As Per Dwg RBE350A93-3302-02-1 Rev. 11 -Certificate of Conformity is required	Firmed	3/16/18	6 pcs	0 pcs 6x	6 pcs	\$6.08/pcs	\$36.48
13	170577	RBE350A93-3500-00-1	Body -Issue P/O to ATG: -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant as per Dwg RBE350A93-3500-00-1 Rev. 3A -Certificate of Conformity is required	Firmed	3/16/18	6 pcs	0 pcs 6x	6 pcs	\$5.51/pcs	\$33.06
14	171139	RBE350A93-3501-20	Extraction Tool, Hydraulic Pump Pulley Bearing -Issue P/O to ATG: -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant As Per Dwg RBE350A93-3501-20 Rev. E -Certificate of Conformity is required	Firmed	3/19/18	20 pcs	0 pcs 20x	20 pcs	\$5.51/pcs	\$110.20
15	170701	RBT112800-1	Base -Issue P/O to ATG: ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL As per Dwg RBT112800 Rev. 3A -Certificate of Conformity is required	Firmed	3/19/18	6 pcs	0 pcs 6x	6 pcs	\$5.51/pcs	\$33.06

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A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914802

Date: 22-Mar-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Diane Baker
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
(21) ea	Part: 646.3713 Gusset Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22637	Rev: A PO: PO039182	Line: 7
(21) ea	Part: 646.3714 Gusset Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22638	Rev: A PO: PO039182	Line: 8
(10) ea	Part: 647.2114 Upper U Channel Anodize as per MPP-172 sect. 2.1 2 -Pretreatment as per MPP-172 sect 3.3 3-Prime as per MPP-172 sect 4.3 Job: 22639	Rev: E PO: PO039182	Line: 9
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>22/03/2018</u> Certified Signature: <u>[Signature]</u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt. Made in Canada			